

## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

### LISTING OF CLAIMS

1. (Currently Amended) A method implemented using a data processing device, the method comprising:

in anticipation of distribution of a data assembly, adding redundant data to the data assembly based on a characteristic of a component of a data management system targeted for receipt of the data assembly; and

making the data assembly including the redundant data available for distribution to the component.

2. (Original) The method of claim 1, wherein adding redundant data to the data assembly comprises duplicating a second data assembly referenced by the data assembly.

3. (Original) The method of claim 1, further comprising distributing the data assembly including the redundant data.

4. (Previously Presented) The method of claim 1, wherein redundant data is added based on a technical characteristic that characterizes a technical capability of the component of the data management system.

5. (Previously Presented) The method of claim 4, wherein redundant data is added based on a technical ability of the component to handle complex data objects.

6. (Previously Presented) The method of claim 1, wherein the data assembly comprises a data object.

7. (Currently Amended) A computer program product, tangibly stored on one or more computer-readable ~~media~~ storage devices, the computer program product comprising instructions operable to cause one or more processors to perform operations, the operations comprising:

receiving first valuation information describing results of ~~an~~ a first evaluation of the appropriateness of distributing a first portion of a data assembly to a first component in a data management system; ~~and~~

modifying the data assembly for distribution based on the ~~received~~ first valuation information;

making the modified data assembly available for distribution to the first component;

receiving second valuation information describing results of a second evaluation of the appropriateness of distributing a second portion of the data assembly to a second component in the data management system;

modifying the data assembly for distribution based on the second valuation information;  
and

making the modified data assembly available for distribution to the second component.

8. (Currently Amended) The product of claim 7, wherein the operations further comprise:

receiving an indication of invalidity of the first portion of the data assembly; and  
modifying the data assembly by eliminating the invalid first portion of the data assembly  
for distribution.

9. (Currently Amended) The product of claim 7, wherein the operations further comprise receiving an indication of a change to the first portion of the data assembly, the change relating to an update to a version of a device described by the data assembly.

10. (Currently Amended) The product of claim 9, wherein ~~the operations further~~  
modifying the data assembly comprise comprises eliminating, for distribution, the first portion of  
the data assembly that describes a previous version of the device described by the data assembly.

11. (Currently Amended) The product of claim 9, wherein the operations further comprise automatically identifying the data assembly for distribution upon receipt of the indication of the change to the first portion of the data assembly.

12. (Currently Amended) The product of claim 7, wherein ~~the operations further~~  
modifying the data assembly comprise comprises reducing complexity of the data assembly.

13. (Original) The product of claim 12, wherein reducing complexity of the data assembly comprises eliminating an object from the data assembly.

14. (Currently Amended) The product of claim 7, wherein ~~the operations further~~ modifying the data assembly comprise comprises eliminating plural references to a single data object.

15. (Currently Amended) The product of claim 7, wherein the operations further comprise receiving the first valuation information as metadata included in the data assembly.

16. (Currently Amended) The product of claim 7, wherein the first valuation information is based at least in part on a context of a the first target component of a data management system.

17. (Currently Amended) The product of claim 16, wherein the first valuation information is based at least in part on an application performed at the first target component.

18. (Currently Amended) A computer program product, tangibly stored on one or more computer-readable ~~media~~ storage devices, the computer program product comprising instructions operable to cause one or more processors to perform operations, the operations comprising:

receiving historical distribution information for a data assembly, the historical distribution information identifying one or more components of a data management system that have previously received some version of the data assembly; ~~and~~

determining if distribution of at least a portion of a current version of the data assembly to a target component of the data management system is warranted based on the historical distribution information; and

making at least the portion of the current version of the data assembly available for distribution to the target component in response to determining that distribution is warranted.

19. (Previously Presented) The product of claim 18, wherein:  
the historical distribution information identifies a distributed version of the data assembly, the distributed version being previously distributed to the target component; and  
determining if distribution is warranted comprises determining if a current version of the data assembly includes changed data for which distribution to the target component is warranted.

20. (Currently Amended) The product of claim 18, wherein determining if distribution is warranted comprises:  
determining if the current version of the data assembly includes data associated with an updated lifecycle characteristic; and  
determining if the ~~update to the~~ updated lifecycle characteristic makes distribution of the associated data to the target component warranted.

21. (Previously Presented) The product of claim 18, wherein determining if distribution is warranted comprises determining if the current version of the data assembly includes data applicable to a role of the target component.

22. (Original) The product of claim 18, wherein the operations further comprise modifying the current version of the data assembly for distribution to the target component.

23. (Original) The product of claim 18, wherein the operations further comprise:  
identifying a second data assembly related to the data assembly; and  
determining if distribution of the second data assembly is warranted based on ~~the~~ a  
relationship of the second data assembly with to the data assembly.

24. (Previously Presented) A computer program product, tangibly stored on one or  
more computer-readable ~~media~~ storage devices, the computer program product comprising  
instructions operable to cause one or more processors to perform operations, the operations  
comprising:

receiving a data assembly identified for distribution to one or more target components in  
a data management system;

extracting a characteristic of content of the data assembly;

determining if distribution of at least a portion of the data assembly to a first target  
component of the data management system is warranted based on a comparison of the  
characteristic of the content with a characteristic of the first target component;

making at least the portion of the data assembly available for distribution to the first  
target component in response to determining that distribution to the first target is warranted; and

determining if distribution of at least the portion of the data assembly to a second target  
component of the data management system is warranted based on a comparison of the  
characteristic of the content with a characteristic of the second target component; and

making at least the portion of the data assembly available for distribution to the second  
target component in response to determining that distribution to the second target component is  
warranted.

25. (Canceled)

26. (Previously Presented) The product of claim 24, wherein extracting the characteristic of the content comprises searching the content of the data assembly for a keyword relevant to the first target component.

27. (Previously Presented) The product of claim 24, wherein extracting the characteristic of the content comprises parsing language in the content of the data assembly for language relevant to the first target component.

28. (Previously Presented) The product of claim 24, wherein determining if distribution is warranted comprises comparing the characteristic of the content with a technical characteristic of the first target component.

29. (Previously Presented) The product of claim 24, wherein determining if distribution is warranted comprises comparing the characteristic of the content with a role of the first target component.

30. (Previously Presented) The product of claim 24, wherein the operations further comprise modifying current version of the data assembly for distribution to the first target component.

31. (Previously Presented) The method of claim 1, wherein the data assembly comprises master data and distribution of the data assembly is part of master data management in the data management system.

32. (Previously Presented) The product of claim 7, wherein the data assembly comprises master data and distribution of the data assembly is part of master data management in the data management system.

33. (Previously Presented) The product of claim 18, wherein the data assembly comprises master data and distribution of the data assembly is part of master data management in the data management system.

34. (Previously Presented) The product of claim 24, wherein the data assembly comprises master data and distribution of the data assembly is part of master data management in the data management system.

35. (New) The method of claim 1, further comprising distributing the data assembly including the redundant data to the component.

36. (New) The product of claim 7, wherein the operations further comprise distributing, to the first component, the data assembly modified based on the first valuation information.

37. (New) The product of claim 18, wherein the operations further comprise distributing at least the portion of the current version of the data assembly available to the target component.

38. (New) The product of claim 24, wherein the operations further comprise:  
distributing at least the portion of the data assembly to the first target component; and  
distributing at least the portion of the data assembly to the second target component.